

## CWSRF Benefits Reporting

<b>Loan:</b> 42 of 97	<input checked="" type="checkbox"/> Entry Complete		
Borrower: Talbot County	Loan Execution Date: 04/04/2006	Tracking #: WW0896	Other #:
Assistance Type: Loan	Loan Interest Rate: 0.88%	Incremental Funding: N	Phase #: 0
Loan Amount \$: \$8,258,799.00	Repayment Period: 20	Original Tracking #:	
<input type="checkbox"/> Final Amount	% Funded by CWSRF: 62.00%	Same Environmental Results:	<input type="checkbox"/>
Total from all Projects \$: 8,258,799.00	Multiple nonpoint source projects with similar Environmental Results:	<input type="checkbox"/>	Total NPS Projects: 0

**Project:** 1 of CW Needs Survey Number : # of NPS Projects: 0

**Project Description:** The project involves the planning, design and construction of the upgrade and expansion of the existing St. Michaels Wastewater Treatment Plant.

**Facility Name:** St. Michaels WWTP

**Population Served** (Current) :

by the Project: 5,000

by the Facility: 5,000

**Wastewater Volume** (Design Flow)

by the Project: 0.5000mgd Volume 0.0000mgd

by the Facility: 0.6600mgd

**Needs Categories:**

II Advanced Treatment \$8,258,799.00 100 %

**Discharge Information:**

☐ Ocean Outfall ☐ Estuary/Coastal Bay ☐ Wetland ☒ Surface Water ☐ Groundwater ☐ Land Application  
☐ Other/Reuse ☐ Eliminates Discharge ☐ No Change / No Discharge ☐ NEP Study ☐ Seasonal Discharge  
NPDES Permit Number: MD0023604 ☐ No NPDES Permit  
Other Permit Type: Other Permit Number:

**Affected Waterbodies:**

	<u>Waterbody Name</u>	<u>Waterbody ID</u>	<u>State Waterbody ID</u>	<u>Receiving Waterbody</u>
Primary Impacted :	Miles River	02060002	02130502	<input checked="" type="checkbox"/>
Other Impacted :				<input type="checkbox"/>

**Project Improvement/Maintenance of Water Quality:**

a. Contributes to water quality Improvement.  
b. Allows the system to Achieve Compliance.  
c. Affected waterbody is Impaired.  
d. Allows the system to address..... ☒ Existing TMDL ☒ Projected TMDL ☐ Watershed Management Plan

**Designated Surface Water Uses (Selected):**

	<u>Protection:</u>	<u>Restoration:</u>
Water Contact Recreation	Primary	
Protection of Aquatic Life	Primary	
Agricultural Water Supply	Secondary	
Industrial Water Supply	Secondary	

**Other Uses and Outcomes (Selected):**

	<u>Protection:</u>	<u>Restoration:</u>
Infrastructure Improvement	Secondary	
Drinking Water Supply (e.g., groundwater source)	Secondary	
Other Public Health/Pathogen Reduction	Secondary	

**Comments:**

The project involves the planning, design and construction of the upgrade and expansion of the existing St. Michaels Wastewater Treatment Plant including the construction of Biological Nutrient Removal and Enhanced Nutrient Removal facilities. The project will achieve total nitrogen removal to a yearly average of 3 mg/l and the expansion from 0.5 mgd to 0.66 mgd plant capacity. At design capacity this upgrade will reduce nitrogen discharge into the Chesapeake Bay by approximately